

4. A 1.2 m minimum clearance is required between the face of the railing and the face of a fixed object located directly behind guard railing with post spacing of 1905 mm. Construct quard railing as shown in the detail "Strengthened Railing Sections for Fixed Objects" on this plan, where the clearance between the face of the railing and the face of a fixed object is less than 1.2 m, but not less than 685 mm. Where the clearance is less than 685 mm, a concrete wall or barrier should be constructed to shield the fixed object(s).

5. Direction of adjacent traffic indicated by

6. For End Anchor Assembly (Type SFT) details, see Revised Standard Plan RSP A77H1.

Standard Plan A7712.

II. As site conditions dictate, construct additional guard railing to shield fixed object(s). Additional guard railing length equal to multiples of 3.8 m. Post spacing at 1905 mm except as specified in Note 4.

12. Layout Types 16A, 16B or 16C are typically used where guard railing is recommended to shield roadside fixed object(s) and a crashworthy end treatment is required for only one direction of traffic, See, Railing Case 7 in Diagram Nos. 5, 6, 7 and 8 on Standard Plan A77D1.

13. Where placement of dike is required with guard railing, see Standard Plan A77C4 for dike positioning details.

DEPARTMENT OF TRANSPORTATION

METAL BEAM GUARD RAILING TYPICAL LAYOUTS FOR ROADSIDE FIXED OBJECTS

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

A77G3